

NWS FORM E-5

(11-88)

(PRES. by NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo (SJT)**MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS**

REPORT FOR:

MONTH **December**

YEAR

2004

TO: Hydrometeorological Information Center, W/OH2
NOAA / National Weather Service
1325 East West Highway, Room 7230
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

January 15, 2005

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924)

[X] No flood stages were reached in the HSA this month.

Most of West Central Texas received below normal precipitation during the month of December. Early in the month, a series of shortwave troughs moved into the Southern Plains starting on the 5th. This system generated widespread showers across the area. The rainfall totals were generally light with amounts up to 0.50 of an inch reported. Over the next several weeks, seasonably dry conditions prevailed until an Arctic front surged south from the Northern Plains into the area on the 22nd. A mixture of precipitation occurred over much of the area. Snow accumulations ranged from three to six inches across the Big Country and portions of the Concho Valley and Heartland.

Although December was a dry month across the area, the HSA received above normal precipitation for the year. The COOP rainfall reports across West Central Texas range from 27.30 inches just South of Junction to 52.09 inches at Woodson and 31.39 inches at Ozona to 47.33 inches at San Saba. Average annual rainfall for West Central Texas ranges from 15 inches over portions of the Northern Edwards Plateau in Crockett County to 28 inches over portions of the Heartland.

The San Angelo Regional Airport received 0.38 of an inch of rain in December, which was 0.56 of an inch below the monthly normal rainfall of 0.94 of an inch. The 2004 total annual rainfall for San Angelo was 30.48 inches. Normal annual rainfall for San Angelo is 20.91 inches.

The Abilene Regional Airport received 0.73 of an inch of rain in December, which was 0.54 of an inch below the monthly normal rainfall of 1.27 inches. The 2004 total annual rainfall for Abilene was 37.37 inches. Normal annual rainfall for Abilene is 23.78 inches.

Rainfall Totals for December, 2004 and Yearly Totals:

<u>Station Name</u>	<u>Dec (in)</u>	<u>Year (in)</u>	<u>Station Name</u>	<u>Dec (in)</u>	<u>Year (in)</u>
Abilene 2	0.56	38.62	Mason	1.54	35.45
Acton Ranch	0.26	38.71	Menard	0.37	29.78
Albany	0.59	42.56	Merkel 12SW	0.51	35.68
Anson	1.05	34.98	Oak Creek Lake	0.12	34.69
Ballinger 2NW	0.68	34.68	Ozona 1SSW	0.30	31.39
Brady	0.37	34.55	Ozona 22SE	0.29	M
Brownwood	0.64	38.12	Paint Rock	1.06	34.44
Burkett	0.35	40.03	Putnam	0.45	42.50
Coleman	0.88	42.64	Richland Springs	M	M
Concho Park	0.39	36.90	Robert Lee	0.07	34.47
Eden	0.48	M	Roscoe	0.31	30.23
Eldorado	0.23	32.51	Rotan	1.10	31.90
Eldorado 10W	0.05	M	San Angelo WFO	0.52	31.20
Eldorado 12N	0.42	37.13	San Saba 7NW	0.37	47.33
Fort Griffin	0.60	M	Silver Valley	0.60	41.99
Fort McKavett	M	M	Sonora	0.19	42.11
Funk Ranch	0.51	33.16	Stamford	0.42	30.74
Glen Cove	1.25	45.72	Sterling City	0.40	M
Hamlin	0.70	34.50	Sterling City 8NE	0.00	28.13
Haskell	0.80	37.41	Taylor Ranch	0.95	40.75
Hords Creek	0.11	40.82	Telegraph	0.73	31.41
Humble Pump	M	M	Throckmorton 7NE	0.77	40.54
Junction 4SSW	0.61	27.30	Trent	0.72	M
Lake Abilene	M	M	Water Valley	0.24	32.43
Lawn	0.36	39.31	Water Valley 11NE	0.62	35.23
London 3N	0.85	30.01	Winters	0.57	38.36
Maryneal 4SW	M	M	Woodson	0.61	52.09

*(M) Missing data***Reservoir Conditions (end of December, 2004)**

<u>Reservoir</u>	<u>Conservation Capacity (Ac-Ft)</u>	<u>Current Capacity (Ac-Ft)</u>	<u>Percent of Capacity (%)</u>
Fort Phantom Hill	70,030	67,250	96
Lake Stamford	52,700	36,050	70
Hubbard Creek Lake	317,800	185,970	58
Hords Creek Lake	8,800	7,850	89
Lake Brownwood	131,428	131,428	100
E.V. Spence	488,760	78,900	15
O.C. Fisher	119,200	7,360	6
O.H. Ivie	554,340	234,200	42

Non-Routine Hydro Products Issued

FFA = 0

FFW = 0

FFS = 0

FLS = 0 (Urban and Small Stream Advisories)